

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 70.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-002304**Date Inspected:** 24-Dec-2007**Project Name:** SAS Superstructure**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Contractor:** Japan Steel Works**OSM Arrival Time:** 830**OSM Departure Time:** 1930**Location:** Muraran, Japan**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:****Summary of Items Observed:**

Japan Steel Work (JSW) Mr. Yoshihiro Itoh informed Caltrans Quality Assurance inspector (QAI) that Shielded Metal Arc Welding (SMAW) welder qualification test for ASME standard will schedule at 0830 on 12-26-07 and provided a welder test package for Caltrans observations. Also, the SMAW PQR qualification test which will be use for structural welding (AWS D1.5 2002) will change to from 0830 to 1300 on 12-25-07 due to two CWI inspectors from Intertek Testing Service, Japan will arrive tomorrow and have to attend the JSW morning safety training class. Caltrans QAI reviewed the SMAW welder qualification test and the SMAW PQR test for structural welding packages and prepare for the welding test tomorrow.

**Summary of Conversations:**

As Note within the report above.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Venkatesh Iyer (858)697-6363, who represents the Office of Structural Materials for your project.

**Inspected By:** Pau,Wai

Quality Assurance Inspector

**Reviewed By:** Brasel,Ron

QA Reviewer